**SVOP Charts and Publications**

Navigation Safety Regulations 2020 SOR/2020-216

**142** **(1)** The master and authorized representative of a vessel must ensure that the most recent versions of the following charts, documents and publications, in respect of each area where the vessel is scheduled to be navigated, are kept on board:

* **(a)** the reference catalogue and the applicable charts referred to in the catalogue in their largest scale, that are published by or under the authority of
	+ **(i)** in the case of a Canadian vessel in Canadian waters, the Canadian Hydrographic Service, and
	+ **(ii)** in any other case, the Canadian Hydrographic Service or the hydrographic office or other relevant government institution of a foreign state;
* **(b)** the annual edition of Notices to Mariners;
* **(c)** in the case of a Canadian vessel in waters under Canadian jurisdiction and a vessel that is not a Canadian vessel,
	+ **(i)** *Canadian Sailing Directions*, published by the Canadian Hydrographic Service,
	+ **(ii)** *Canadian Tide and Current Tables*, published by the Canadian Hydrographic Service,
	+ **(iii)** *List of Lights, Buoys and Fog Signals*, published by the Canadian Coast Guard, and
	+ **(iv)** if the vessel is required under these Regulations or any foreign law to be fitted with radio equipment, *Radio Aids to Marine Navigation*, published by the Canadian Coast Guard;
1. **Chart Catalogue**-

List of all the charts used for navigation in Canada

* + Used for voyage planning – lists all the charts for an area
	+ 4 Volumes
	+ Charts reference number and scale
	+ Published : Canadian Hydrographic Service CHS- digital download only-[Canadian Paper Chart Catalogues (charts.gc.ca)](https://charts.gc.ca/publications/catalogues-eng.html)

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1. **Chart #1**
* Reference that contains
	1. symbols,
	2. abbreviations, and
	3. terms

that are used on nautical charts.

* 1 Volume
* Includes references to Canadian Bouyage system
* Published : Canadian Hydrographic Service (CHS)- digital download only-[Canadian Chart 1 Symbols, Abbreviations and Terms (charts.gc.ca)](https://www.charts.gc.ca/publications/chart1-carte1/index-eng.html)

https://www.charts.gc.ca/publications/chart1-carte1/index-eng.html

1. **Charts-**
* Chosen to show greatest detail for coastal and harbour navigation 1 :10000 ex or for longer coastal/ocean passages 1:360000
1. **Sailing Directions-**

14 regions for Eastern Canada inc:

1. Atlantic Provinces
2. Labrador
3. Gulf of St Lawerence
4. St Lawerence river up to Montreal
* Includes:
1. Pictures of port/harbours and channels
2. Description of lights and bouys
3. Description -dock/wharves and berths slipways and boatramps
* Also contains information about water, food and fuel services in each port
* Digitally available from CHS-[Canadian Sailing Directions (charts.gc.ca)](https://www.charts.gc.ca/publications/sailingdirections-instructionsnautiques-eng.html)-https://www.charts.gc.ca/publications/sailingdirections-instructionsnautiques-eng.html
1. **List of Lights (List of Lights, Bouys and Fog signals)-**
* Description of all Fixed and Floating Navigation aids
* All Descriptions in a Table form
* Explanation of light characteristics
* Description of physical characteristics of the navigation aid
* Defines-Nominal range and visual range
* 4 Volumes
1. Newfoundland and Labrador
2. Atlantic
3. Inland waters
4. Pacific coast

Digitally available from Canadian Coast Guard on the Notice to Mariners Website (NOTMAR) -[List of Lights, Buoys and Fog Signals (notmar.gc.ca)](https://www.notmar.gc.ca/list-lights)- https://www.notmar.gc.ca/list-lights

1. **Canadian Tide and Current Tables- Tide Tables**

Predicted times:

* High and Low water
* Slack water
* Velocities of maximum current
* 7 Volumes
* Predicted tides from tide tables
	+ Primary Ports- St john’s
	+ Secondary Ports- Long Pond
	+ Time Zones
* Includes-Current Tables, where appliciable

Published : Canadian Hydrographic Service (CHS)- digital download only - [Canadian Tide and Current Tables (charts.gc.ca)](https://charts.gc.ca/publications/tables-eng.html)

* Also Available- Online tides- [https://tides.gc.ca/en/stations/](https://tides.gc.ca/en/stations/00905)

-St John’s is station 00905

1. **Radio aids to Marine Navigation- RAMN**
* 1 Volume- Annual( April)
* 5 Sections
1. Foreword
2. Facilities Information
3. Vessel Traffic Services
4. General
5. Environment and climate change Canada’s

Marine/Ice Warning / Forecast Program

Information about marine radio communication including radio channels/frequencies used by CG Radio stations

* Available for digital download only from Canadian Coast Guard
* [Radio Aids to Marine Navigation 2023 (ccg-gcc.gc.ca)](https://www.ccg-gcc.gc.ca/publications/mcts-sctm/ramn-arnm/index-eng.html)-

 https://www.ccg- gcc.gc.ca/publications/mcts-sctm/ramn-arnm/index-eng.html

1. **Annual Notice to Mariners**
* 7 Sections
1. Aids to Navigation and Marine Safety
2. Pilotage Services
3. Marine communications and Traffic services
4. SAR
5. Marine Occurrences and Pollution
6. National defense/ Military Notices
7. General Info

 Available digital download - Canadian Coast Guard on the Notice to Mariners Website (NOTMAR) [Annual Notices to Mariners (notmar.gc.ca)](https://www.notmar.gc.ca/annual)- https://www.notmar.gc.ca/annual

1. **Monthly Notice to Mariners**
* 2 Editions- East & West
* Corrections for:
1. Charts
2. List of Lights
3. Radio Aids to Marine Navigation
4. Sailing directions
5. Small Craft Guide
* Available digital download - Canadian Coast Guard on the Notice to Mariners Website (NOTMAR)-

[Monthly Editions (notmar.gc.ca)](https://notmar.gc.ca/monthly)-https://notmar.gc.ca/monthly

1. **Notices to shipping**

Known as navigational warnings -NavWarns- updated regularly as marine hazards happen or change- (Example- a new dock is being built in a port, warnings will be issued as the work progresses to let marine traffic know about the changing hazards)

Available through Coast Guard new E-Navigation Portal

[Search for NAVWARNs (ccg-gcc.gc.ca)](https://nis.ccg-gcc.gc.ca/public/rest/messages/en/search)- https://nis.ccg-gcc.gc.ca/public/rest/messages/en/search

ALSO available as a regular marine Safety Broadcast by Coastguard through their Radio Stations (MCTS)

1. **Ship safety bulletins**

The bulletins are a source of accurate and up-to-date ship safety information, paramount to the safety of life at sea and one of the important mechanisms for conveying timely information pertaining to safeguards against identified risks and/or direction to industry.

 Available through Transport Canada-[Ship Safety Bulletins (canada.ca)](https://tc.canada.ca/en/marine-transportation/marine-safety/ship-safety-bulletins)- https://tc.canada.ca/en/marine-transportation/marine-safety/ship-safety-bulletin